

Fig. 4

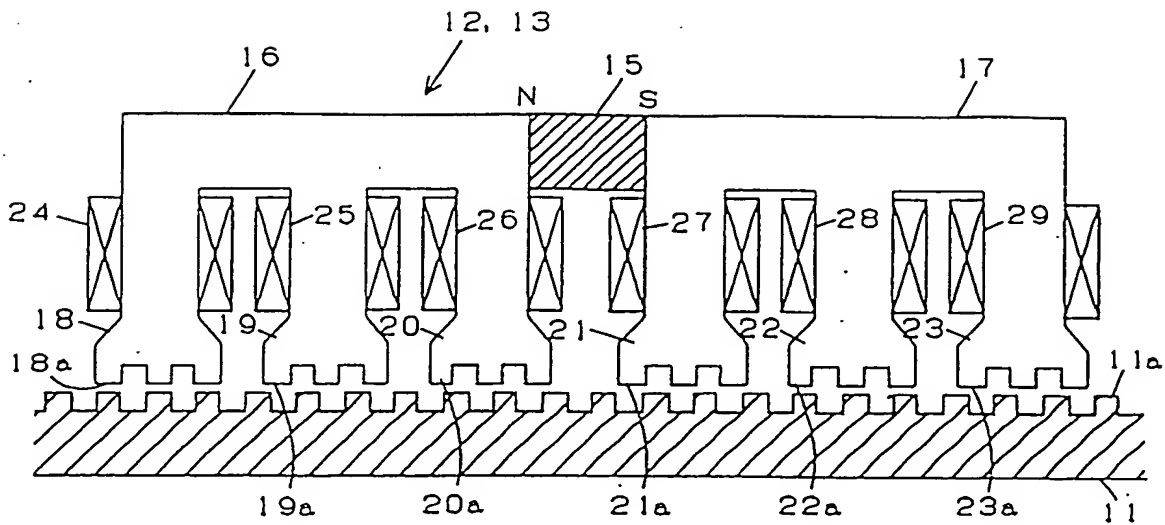


Fig. 5

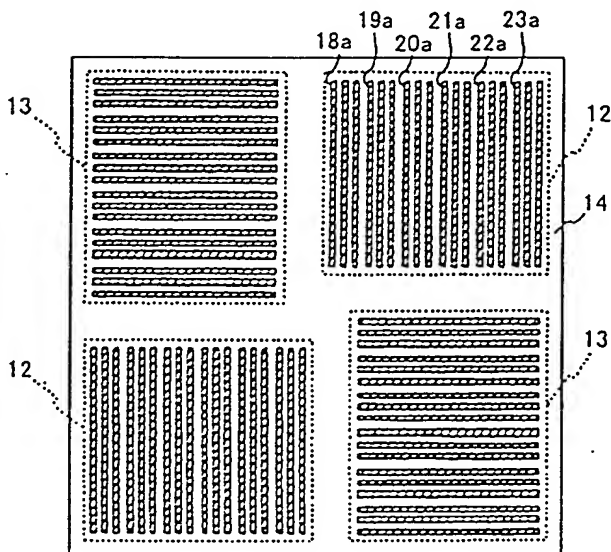
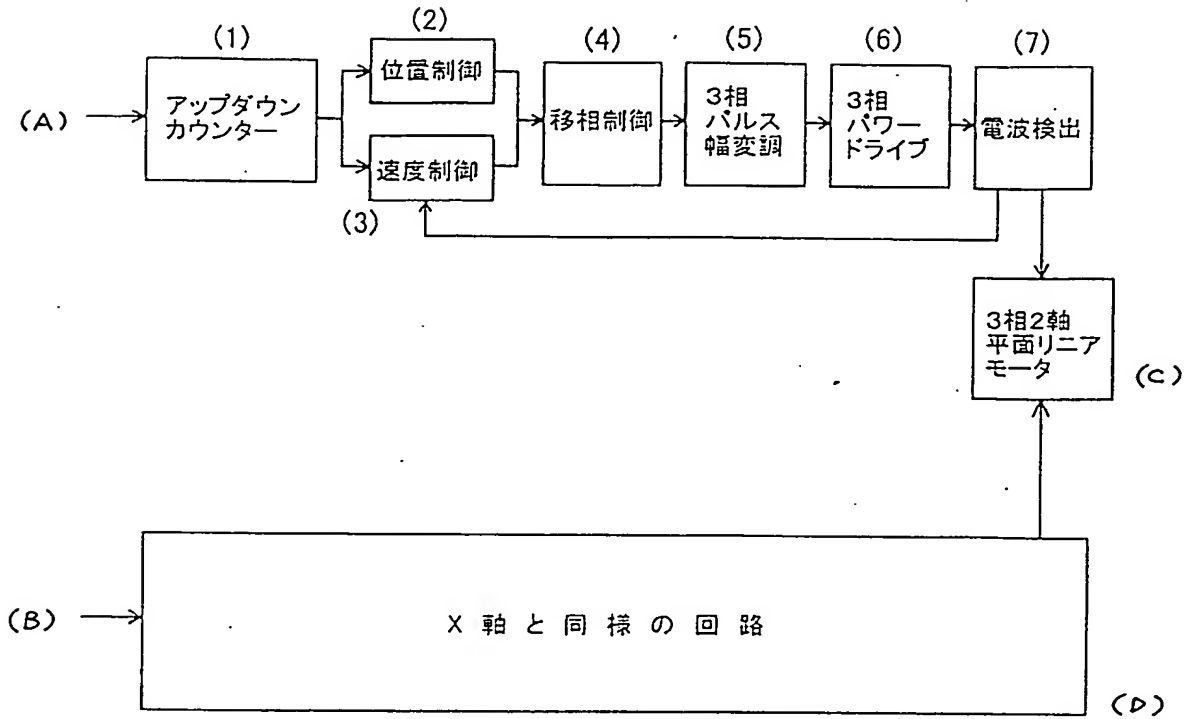
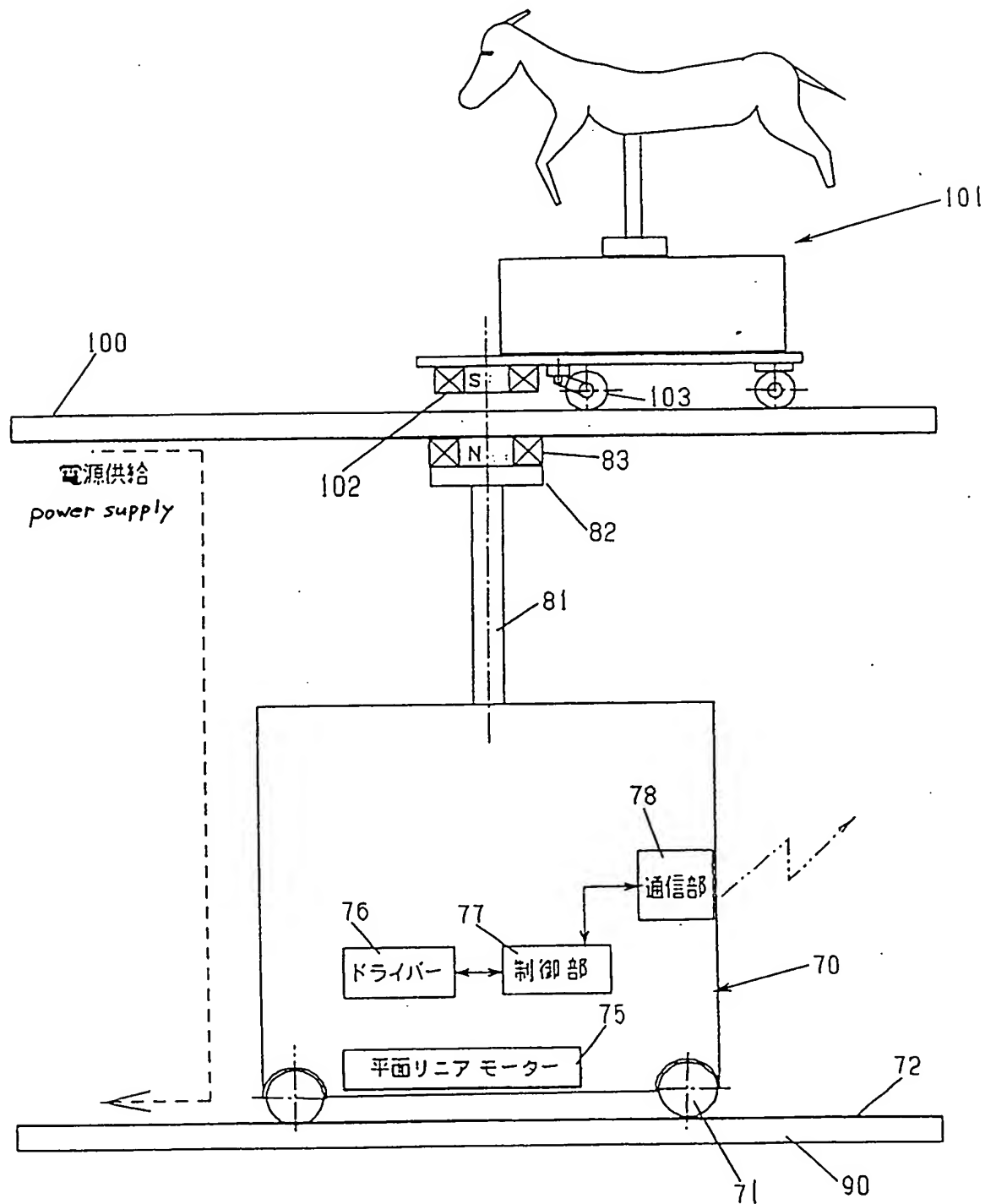


Fig. 6



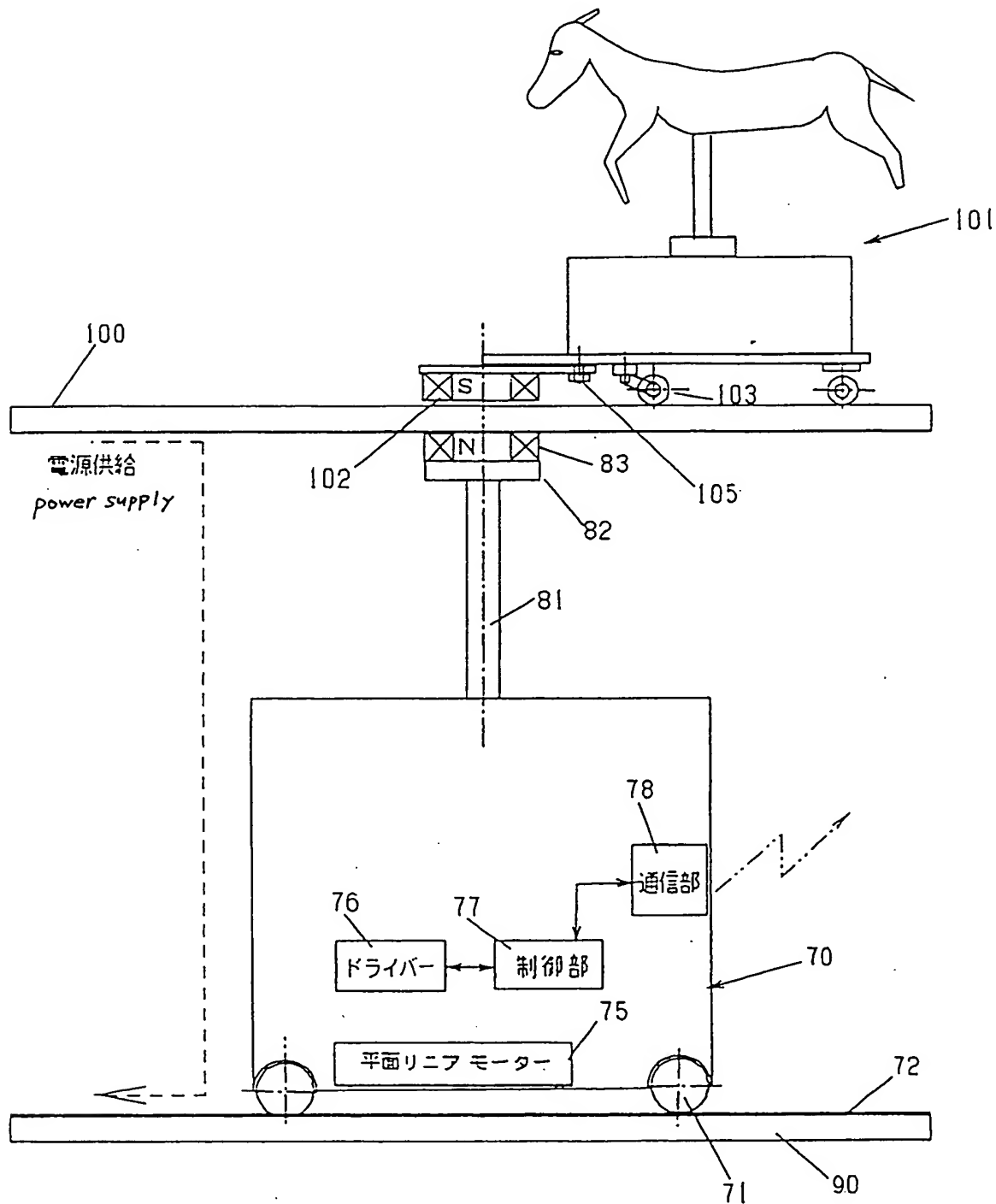
- (1) up/down counter
- (2) position control
- (3) speed control
- (4) phase control
- (5) three-phase pulse width modulation
- (6) three-phase power driving
- (7) current detection
- (A) X-direction motor driving instruction (pulse train or commands)
- (B) Y-direction motor driving instruction (pulse train or commands)
- (C) three-phase biaxial planar linear motor
- (D) same circuit as circuit for X-direction

Fig. 7



- 75: planar linear motor
- 76: motor driver
- 77: controller
- 78: communicator

Fig. 8



- 75: planar linear motor
- 76: motor driver
- 77: controller
- 78: communicator

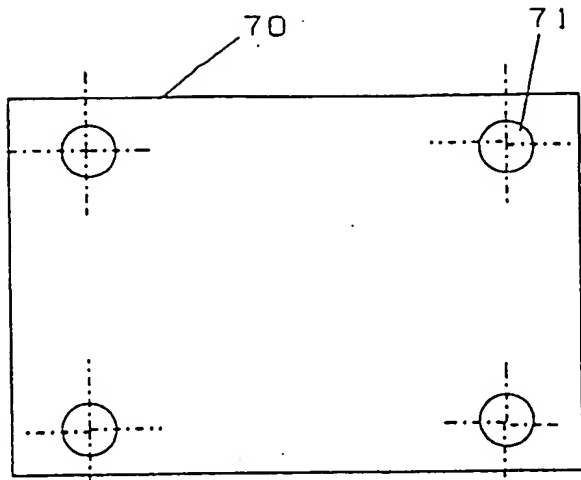


Fig. 9

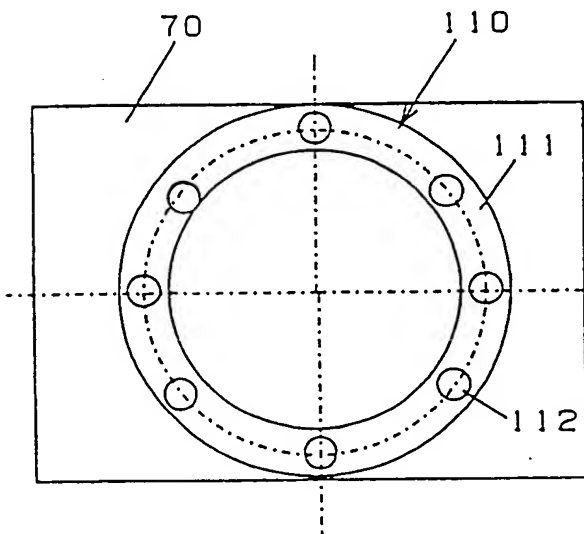


Fig. 10

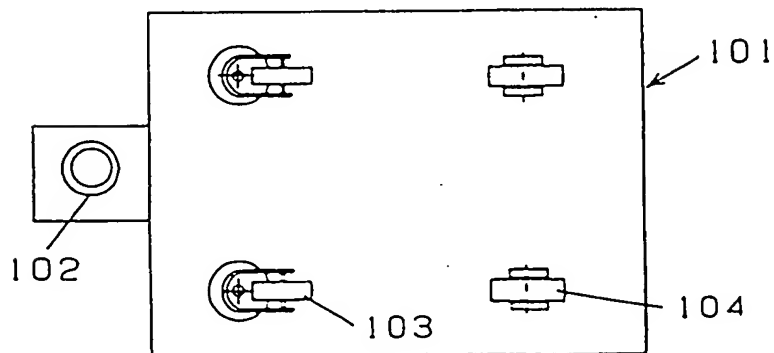
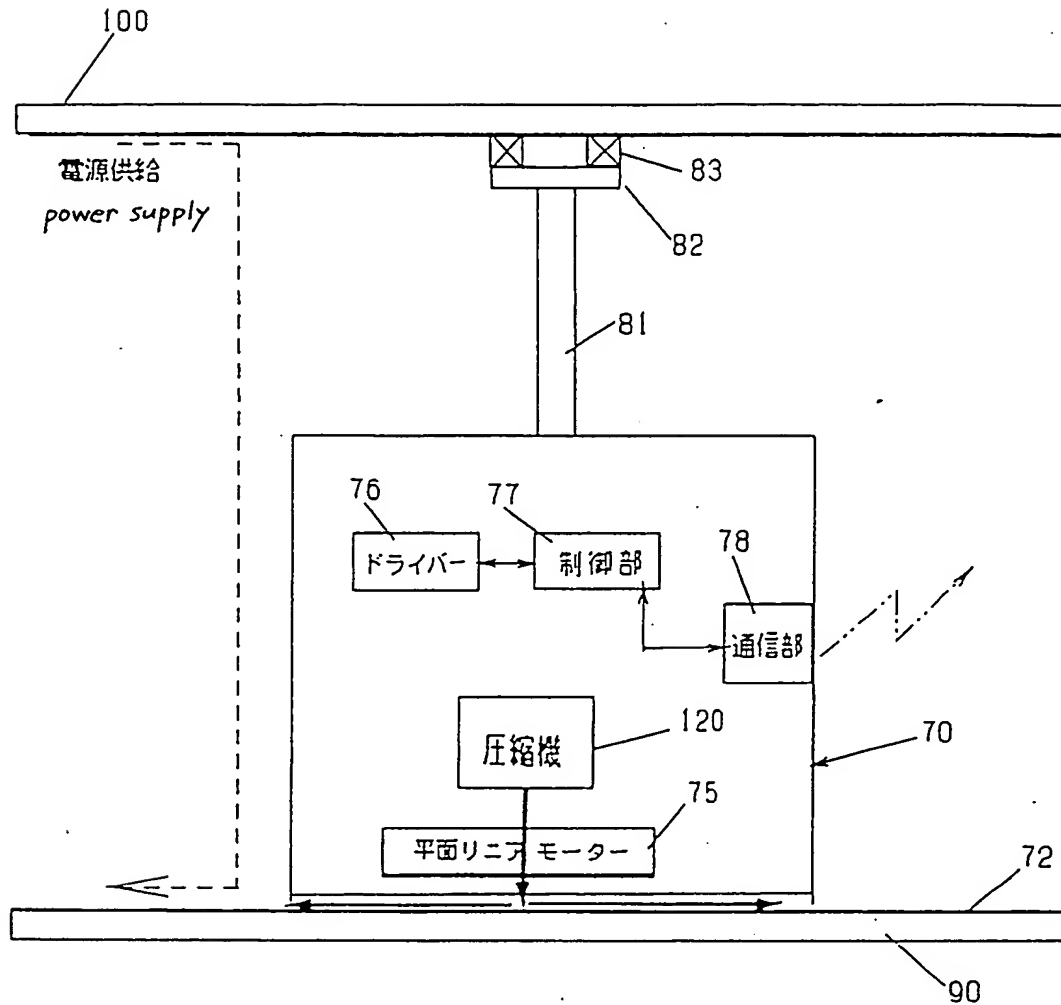


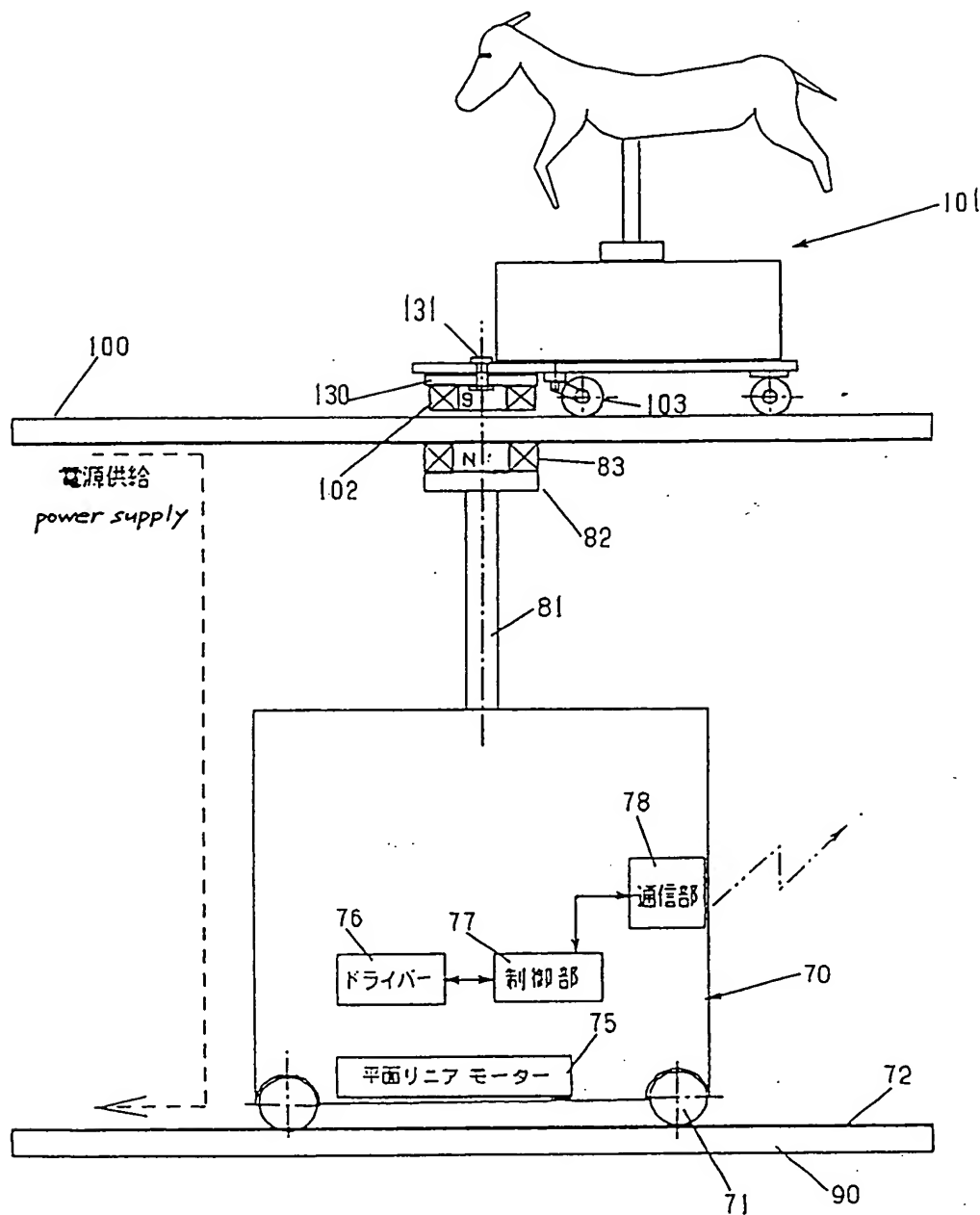
Fig. 11

Fig. 12



- 75: planar linear motor
- 76: motor driver
- 77: controller
- 78: communicator
- 120: compressor

Fig. 13



- 75: planar linear motor
- 76: motor driver
- 77: controller
- 78: communicator